

2012 年度生物学院累计发表 SCI 论文一览表（更新至 2013. 5. 19）

序号	论文题目	第一作者	通讯作者	发表期刊	2011 年影 响因 子	前五年 影响因 子	文献类 型
1.	Paxillus involutus Strains MAJ and NAU Mediate K <sup>+</sup> /Na <sup>+</sup> Homeostasis in Ectomycorrhizal Populus x canescens under Sodium Chloride Stress	李静	陈少良	<i>PLANT PHYSIOLOGY</i>	6.535	7.054	Article
2.	An ATP signaling pathway in plant cells: extracellular ATP triggers programmed cell death in Populus euphratica	孙健	陈少良	<i>PLANT CELL AND ENVIRONMENT</i>	5.215	5.748	Article
3.	Extracellular ATP Signaling Is Mediated by H <sub>2</sub> O <sub>2</sub> and Cytosolic Ca <sup>2+</sup> in the Salt Response of Populus euphratica	孙健	陈少良	<i>PLOS ONE</i>	4.092	4.537	Article
4.	Morphology and biochemical characteristics of pistils in the staminate flowers of yellow horn during selective abortion	周燕	高述民	<i>AUSTRALIAN JOURNAL OF BOTANY</i>	1.111	1.732	Article
5.	In Vitro Adventitious Shoot Regeneration via Indirect Organogenesis from Inflorescence Explants and Peroxidase Involvement in Morphogenesis of Populus euphratica Olivier	周燕	高述民	<i>APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY</i>	1.943	1.998	Article

6.	Molecular detection of three gastroenteritis viruses in urban surface waters in Beijing and correlation with levels of fecal indicator bacteria	何晓青	何晓青	<i>ENVIRONMENTAL MONITORING AND ASSESSMENT</i>	1.400	1.563	Article
7.	Citrinin reduces testosterone secretion by inducing apoptosis in rat Leydig cells	刘树强	胡德夫	<i>TOXICOLOGY IN VITRO</i>	2.775	2.775	Article
8.	Classification and characterization of unknown cytokinins into essential types by in-source collision-induced dissociation electrospray ion trap mass spectrometry	刘士畅	蒋湘宁	<i>RAPID COMMUNICATIONS IN MASS SPECTROMETRY</i>	2.790	2.782	Article
9.	Genotypic variation in wood properties and growth traits of triploid hybrid clones of <i>Populus tomentosa</i> at three clonal trials.	张平冬	康向阳	<i>Tree Genetics &amp; Genomes</i>	2.335	2.740	Article
10.	High temperature-induced triploid production during embryo sac development in <i>Populus</i>	王君	康向阳	<i>Silvae Genetica</i>	0.778	0.785	Article
11.	Cuticular structures on antennae of the bot fly, <i>Portschinskia magnifica</i> (Diptera: Oestridae).	张东	李凯	<i>PARASITOLOGY RESEARCH</i>	2.149	2.095	Article
12.	Sensilla on the antennal funiculus of the horse stomach bot fly, <i>Gasterophilus nigricornis</i>	张东	李凯	<i>MEDICAL AND VETERINARY ENTOMOLOGY</i>	1.910	2.340	Article

13.	Variation in Floral Phenological Synchronization in a Clonal Seed Orchard of <i>Pinus tabuliformis</i> in Northeast of China.	李伟	李悦	<i>Silvae Genetica</i>	0.778	0.785	Article
14.	Genetic transformation of <i>Populus tomentosa</i> to improve salt tolerance	杜宁霞	李云	<i>PLANT CELL TISSUE AND ORGAN CULTURE</i>	3.090	2.576	Article
15.	Assessment of genetic diversity and variation of <i>Robinia pseudoacacia</i> seeds induced by short-term spaceflight based on two molecular marker systems and morphological traits	袁存权	李云	<i>GENETICS AND MOLECULAR RESEARCH</i>	1.184	1.161	Article
16.	The chemical composition and ruminal degradation of the protein and fibre of tetraploid <i>Robinia pseudoacacia</i> harvested at different growth stages	张国君	李云	<i>JOURNAL OF ANIMAL AND FEED SCIENCES</i>	0.636	0.482	Article
17.	Toxic effects of citrinin on the male reproductive system in mice	韩清清	刘树强	<i>EXPERIMENTAL AND TOXICOLOGIC PATHOLOGY</i>	2.781	2.053	Article
18.	Reference gene selection for qPCR in <i>Ammopiptanthus mongolicus</i> under abiotic stresses and expression analysis of seven ROS-scavenging enzyme genes	师静	卢存福	<i>PLANT CELL REPORTS</i>	2.274	2.743	Article
19.	Isolation and characterisation of an HpSHP gene from <i>Hosta plantaginea</i>	饶国栋	陆海	<i>MOLECULAR BIOLOGY REPORTS</i>	2.929	2.809	Article

20.	Isolation and characterization of an AGAMOUS-like gene from <i>Hosta plantaginea</i>	王莹	陆海	<i>MOLECULAR BIOLOGY REPORTS</i>	2.929	2.809	Article
21.	<i>Nocardioides lianchengensis</i> sp nov., an actinomycete isolated from soil	张健	马玉超	<i>INTERNATIONAL JOURNAL OF SYSTEMATIC ANDEVOLUTIONARY MICROBIOLOGY</i>	2.268	2.438	Article
22.	<i>Celastrus yuloensis</i> (Celastraceae), a new species from China	敖妍	沐先运	<i>ANNALES BOTANICI FENNICI</i>	1.014	0.889	Article
23.	Application of Fourier Transform Infrared Spectroscopy Combined with Pattern Recognition Method for Rapid Authentication of Edible Oil	刘玲玲	欧阳杰	<i>ACTA CHIMICA SINICA</i>	0.533	0.531	Article
24.	Rapid determination of Sudan dyes adulterated in natural paprika red by FTIR	张玮玮	欧阳杰	<i>SPECTROSCOPY AND SPECTRAL ANALYSIS</i>	无		Article
25.	Studies of the protective effect and antioxidant mechanism of blueberry anthocyanins in a CC14-induced liver injury model in mice.	陈健	孙爱东	<i>Food and Agricultural Immunology</i>	0.714	0.740	Article
26.	Spatial and temporal nature of reactive oxygen species production and programmed cell death in elm ( <i>Ulmus pumila</i> L.) seeds during controlled deterioration.	胡蝶	汪晓峰	<i>Plant Cell and Environment</i>	5.215	5.748	Article

27.	Induction of unreduced megaspores with high temperature during megasporogenesis in Populus	王君	王君	<i>ANNALS OF FOREST SCIENCE</i>	1.788	1.951	Article
28.	Genome-wide identification of cold-responsive and new microRNAs in Populus tomentosa by high-throughputsequencing	陈磊	王延伟	<i>BIOCHEMICAL AND BIOPHYSICAL RESEARCHCOMMUNICATIO NS</i>	2.484	2.523	Article
29.	Genome-wide identification and expression analysis of heat-responsive and novel microRNAs in Populus tomentosa	陈磊	王延伟	<i>GENE</i>	2.341	2.443	Article
30.	Identification of novel and conserved Populus tomentosa microRNA as components of a response to water stress	任媛媛	王延伟	<i>FUNCTIONAL &amp; INTEGRATIVE GENOMICS</i>	2.842	3.433	Article
31.	A maximum likelihood approach to functional mapping of longitudinal binary traits.	王成光	王成光	<i>Statistical Applications in Genetics and Molecular Biology</i>	0.895	0.914	Article
32.	Expression of nerve growth factor and its receptors TrkA and p75 in the uterus of wild female ground squirrel(Citellus dauricus Brandt)	李犇	翁强	<i>GENERAL AND COMPARATIVE ENDOCRINOLOGY</i>	3.267	3.061	Article
33.	Immunoreactivities of androgen receptor, estrogen receptors, p450arom, p450c17 proteins in wild ground squirrelsovaries during the nonbreeding and breeding seasons	李晓楠	翁强	<i>JOURNAL OF OVARIAN RESEARCH</i>	2.571	2.667	Article

34.	Seasonal Changes in Immunoreactivity of Activin Signaling Component Proteins in Wild Ground Squirrel Testes	盛夏	翁强	<i>JOURNAL OF REPRODUCTION AND DEVELOPMENT</i>	1.459	1.629	Article
35.	Immunoreactivity of c-kit Receptor Protein during the Prehibernation Period in the Oviduct of the Chinese BrownFrog, <i>Rana chensinensis</i>	沈勇	翁强	<i>JOURNAL OF VETERINARY MEDICAL SCIENCE</i>	0.851	0.896	Article
36.	Immunolocalization of steroidogenic enzymes and their expression during the breeding season in the testes of wildraccoon dogs ( <i>Nyctereutes procyonoides</i> )	翁强	翁强	<i>ANIMAL SCIENCE JOURNAL</i>	0.857	0.853	Article
37.	Seasonal Changes in Morphology and Immunoreactivity of PDGF-A and its Receptor PDGFR-alpha in theEpididymis of Wild Ground Squirrels ( <i>Citellus dauricus</i> Brandt)	张梦远	翁强	<i>JOURNAL OF REPRODUCTION AND DEVELOPMENT</i>	1.459	1.629	Article
38.	Systems mapping of HIV-1 infection	侯薇	邬荣领	<i>BMC GENETICS</i>	2.475	2.638	Article
39.	Simultaneous estimation of genetic linkage and preferential pairing factor for a triploid population with unphasedmarkers	王建新	邬荣领	<i>CHINESE SCIENCE BULLETIN</i>	1.321	1.243	Article
40.	Genetic mapping of complex traits by minimizing integrated square errors	吴嵩	邬荣领	<i>BMC GENETICS</i>	2.475	2.638	Article

41.	Functional mapping of ontogeny in flowering plants	赵喜阳	邬荣领	<i>BRIEFINGS IN BIOINFORMATICS</i>	5.202	7.749	Article
42.	Two CBL genes from <i>Populus euphratica</i> confer multiple stress tolerance in transgenic triploid white poplar	李旦旦	夏新莉 尹伟伦	<i>PLANT CELL TISSUE AND ORGAN CULTURE</i>	3.090	2.576	Article
43.	Genome-wide transcriptional response of <i>Populus euphratica</i> to long-term drought stress	严东辉	夏新莉 尹伟伦	<i>Plant Science</i>	2.945	2.864	Article
44.	A novel, alkali-tolerant thermostable xylanase from <i>Saccharomonospora viridis</i> : direct gene cloning, expression and enzyme characterization	王子元	谢响明	<i>WORLD JOURNAL OF MICROBIOLOGY &amp; BIOTECHNOLOGY</i>	1.532	1.602	Article
45.	Polymorphism and Methylation of Four Genes Expressed in Salivary Glands of Russian Wheat Aphid (Homoptera:Aphididae)	宫璐	徐吉臣	<i>JOURNAL OF ECONOMIC ENTOMOLOGY</i>	1.699	1.709	Article
46.	Molecular Cloning, Characterization and Expression of the Phenylalanine Ammonia-Lyase Gene from <i>Juglans regia</i>	许锋	许锋	<i>MOLECULES</i>	2.386	2.411	Article
47.	Immunohistochemical Localization of Inhibin/Activin Subunits in the Wild Ground Squirrel ( <i>Citellus dauricus</i> )	盛夏	许美玉	<i>JOURNAL OF REPRODUCTION AND DEVELOPMENT</i>	1.459	1.629	Article

48.	Molecular Evolution of Trehalose-6-Phosphate Synthase (TPS) Gene Family in Populus, Arabidopsis and Rice	杨海灵	杨海灵	<i>PLOS ONE</i>	4.092	4.537	Article
49.	Rapid identification and detection of flavonoid compounds from bamboo leaves by LC-(ESI)-IT-TOF/MS	吕兆林	张柏林	<i>BIORESOURCES</i>	1.328	1.825	Review
50.	Development of 15 novel microsatellite markers from cellulose synthase genes in populus tomentosa (Salicaceae)	杜庆章	张德强	<i>AMERICAN JOURNAL OF BOTANY</i>	2.664	3.159	Article
51.	Genetic Diversity and Population Structure of Chinese White Poplar (Populus tomentosa) Revealed by SSR Markers.	杜庆章	张德强	<i>Journal of Heredity</i>	2.799	2.569	Article
52.	Photosynthetic response to genome methylation affects the growth of Chinese white poplar	马凯峰	张德强	<i>Tree Genetics &amp; Genomes</i>	2.335	2.740	Article
53.	Sex-specific DNA methylation and gene expression in andromonoecious poplar	宋跃朋	张德强	<i>PLANT CELL REPORTS</i>	2.274	2.743	Article
54.	Transcriptional profiling by cDNA-AFLP analysis showed differential transcript abundance in response to waterstress in Populus hopeiensis	宋跃朋	张德强	<i>BMC GENOMICS</i>	4.073	4.328	Article



55.	Allelic Variation in PtGA20Ox Associates with Growth and Wood Properties in <i>Populus</i> spp	田家兴	张德强	<i>PLOS ONE</i>	4.092	4.537	Article
56.	Development of 35 microsatellite markers from heat stress transcription factors in <i>Populus simonii</i> (salicaceae)	王璐	张德强	<i>American journal of botany</i>	2.664	3.159	Article
57.	Olfactory sensilla on antennae and maxillary palps of <i>Fannia hirticeps</i> (Stein, 1892) (Diptera: Fanniidae).	王企科	张东	<i>Microscopy Research and Technique</i>	1.792	1.873	Article
58.	2n egg formation in <i>Populus x euramericana</i> (Dode) Guinier.	奚晓军	张金凤	<i>Tree Genetics &amp; Genomes</i>	2.335	2.740	Article
59.	<i>Celastrus obovatifolius</i> sp nov (Celastraceae) from China	沐先运	张志翔	<i>NORDIC JOURNAL OF BOTANY</i>	0.551	0.565	Article
60.	Identification and comparative profiling of microRNAs in wild-type <i>Xanthoceras sorbifolia</i> and its double flower mutant.	敖妍	张志翔	<i>Genes &amp; Genomics</i>	0.442	0.361	Article
61.	Phylogeny of <i>Celastrus</i> L. (Celastraceae) inferred from two nuclear and three plastid markers	沐先运	张志翔	<i>JOURNAL OF PLANT RESEARCH</i>	1.746	1.772	Article

62.	Genome-wide profiling of novel and conserved <i>Populus</i> microRNAs involved in pathogen stress response by deepsequencing	陈磊	张志毅	<i>PLANTA</i>	3.000	3.420	Article
63.	Analysis of promoter activity of PtDrl02 gene in white poplars	郑会全	张志毅	<i>JOURNAL OF PLANT BIOCHEMISTRY AND BIOTECHNOLOGY</i>	0.523	0.497	Article